

Forest Pest Management Group, S&P
2500 Threaveport Highway
Pineville, Louisiana 71360

5200 - Evaluation

February 3, 1975

Evaluation Plots (Cold Springs, Central and Rock Creek
Campgrounds)

John Higgins, Park Supervisor
Platt National Park

Here are the preliminary results of the evaluation plots we established at Cold Springs, Central and Rock Creek Campgrounds last fall.

Twelve 1/10 acre study plots containing 353 trees and five check plots with 73 trees were established. In the study plots 70 trees (20 percent) had decay present, 111 (31 percent) had wounds and 8 (23 percent) had mistletoe. In the check area 7 (12 percent) trees had decay present, five (seven percent) had wounds and three (four percent) had mistletoe.

Most of the wounds were caused by people. The most common type of wounds include wounds inflicted by axes and by lanterns hung against the trees. Other wounding agents include nails, wire, fire, broken branches and undetermined causes.

A more detailed analysis of the data will be made at a future date. We will keep you informed of our findings.

Originally we planned to visit the plots each year for five years. It is likely this will be changed to be one visit in about two-three years.

Thank you for your cooperation in the study.

William H. Pawuk

WILLIAM H. PAWUK
Pathologist

FOR: DONALD A. PIERCE
Field Representative, Alexandria
Forest Pest Management Group

enclosure

WHP:par

Area	Site	Number Trees	Decay	Wounds	Mistletoe
Cold Springs	6	35	2	4	2
	17	31	7	13	1
	23	25	8	13	0
	41	27	5	8	0
	43	21	7	10	0
	50	30	5	6	1
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total	6	169	34	54	4
<hr/>					
Check	1	20	1	1	2
	2	17	2	1	0
	3	11	1	0	0
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total	3	48	4	2	2
<hr/>					
Central	14	20	5	7	3
	23	12	5	6	0
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total	2	32	10	13	3
<hr/>					
Check	1	11	4	1	1
<hr/>					
Rock Creek	(large group)	12	5	4	0
	20	54	6	12	0
	44	53	12	13	1
	50	38	3	15	0
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total	4	157	26	44	1
<hr/>					
Check	1	14	1	2	0
<hr/>					
Total	12	358	70	111	8
Total (check)	5	73	9	5	3
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Grand Total	17	431	79	116	11